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Lys Asp Ser Arg Phe Gln Leu Leu Asn Phe Ser Ser Ser Glu Leu Lys
95 100 105

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Val Ser Leu Thr Asn Val Ser Ile Ser Asp Glu Gly Arg Tyr Phe Cys	
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Gln Leu Tyr Thr Asp Pro Pro Gln Glu Ser Tyr Thr Thr Ile Thr Val	
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Leu Val Pro Pro Arg Asn Leu Met Ile Asp Ile Gln Lys Asp Thr Ala	
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Val Glu Gly Glu Glu Ile Glu Val Asn Cys Thr Ala Met Ala Ser Lys	
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Pro Ala Thr Thr Ile Arg Trp Phe Lys Gly Asn Thr Glu Leu Lys Gly	
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Lys Ser Glu Val Glu Glu Trp Ser Asp Met Tyr Thr Val Thr Ser Gln	
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Leu Met Leu Lys Val His Lys Glu Asp Asp Gly Val Pro Val Ile Cys	
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Gln Val Glu His Pro Ala Val Thr Gly Asn Leu Gln Thr Gln Arg Tyr	
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Leu Glu Val Gln Tyr Lys Pro Gln Val His Ile Gln Met Thr Tyr Pro	
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Asp Glu Met Pro Gln His Ala Val Leu Ser Gly Pro Asn Leu Phe Ile	
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Asn Asn Leu Asn Lys Thr Asp Asn Gly Thr Tyr Arg Cys Glu Ala Ser	
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Asn Ile Val Gly Lys Ala His Ser Asp Tyr Met Leu Tyr Val Tyr Asp	
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Pro Pro Thr Thr Ile Pro Pro Pro Thr Thr Thr Thr Thr Thr Thr	
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Thr Thr Thr Thr Thr Ile Leu Thr Ile Ile Thr Asp Ser Arg Ala Gly
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 Glu Glu Gly Ser Ile Arg Ala Val Asp His Ala Val Ile Gly Gly Val
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 Val Ala Val Val Val Phe Ala Met Leu Cys Leu Leu Ile Ile Leu Gly
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 Gly Ala Asp Asp Ala Ala Asp Ala Asp Thr Ala Ile Ile Asn Ala Glu
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 Thr Lys Asp Val Thr Val Ile Glu Gly Glu Val Ala Thr Ile Ser Cys
 50 55 60
 Gln Val Asn Lys Ser Asp Asp Ser Val Ile Gln Leu Leu Asn Pro Asn
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 Arg Gln Thr Ile Tyr Phe Arg Asp Phe Arg Pro Leu Lys Asp Ser Arg
 85 90 95
 Phe Gln Leu Leu Asn Phe Ser Ser Ser Glu Leu Lys Val Ser Leu Thr
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Arg	Asn	Leu	Met	Ile	Asp	Ile	Gln	Lys	Asp	Thr	Ala	Val	Glu	Gly	Glu	145	150	155	160
Glu	Ile	Glu	Val	Asn	Cys	Thr	Ala	Met	Ala	Ser	Lys	Pro	Ala	Thr	Thr	165	170	175	
Ile	Arg	Trp	Phe	Lys	Gly	Asn	Thr	Glu	Leu	Lys	Gly	Lys	Ser	Glu	Val	180	185	190	
Glu	Glu	Trp	Ser	Asp	Met	Tyr	Thr	Val	Thr	Ser	Gln	Leu	Met	Leu	Lys	195	200	205	
Val	His	Lys	Glu	Asp	Asp	Gly	Val	Pro	Val	Ile	Cys	Gln	Val	Glu	His	210	215	220	
Pro	Ala	Val	Thr	Gly	Asn	Leu	Gln	Thr	Gln	Arg	Tyr	Leu	Glu	Val	Gln	225	230	235	240
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Thr	Arg	Glu	Gly	Asp	Ala	Leu	Glu	Leu	Thr	Cys	Glu	Ala	Ile	Gly	Lys	260	265	270	
Pro	Gln	Pro	Val	Met	Val	Thr	Trp	Val	Arg	Val	Asp	Asp	Glu	Met	Pro	275	280	285	
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Lys	Thr	Asp	Asn	Gly	Thr	Tyr	Arg	Cys	Glu	Ala	Ser	Asn	Ile	Val	Gly	305	310	315	320
Lys	Ala	His	Ser	Asp	Tyr	Met	Leu	Tyr	Val	Tyr	Asp	Pro	Pro	Thr	Thr	325	330	335	
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Ile	Arg	Ala	Val	Asp	His	Ala	Val	Ile	Gly	Gly	Val	Val	Ala	Val	Val	370	375	380	
Val	Phe	Ala	Met	Leu	Cys	Leu	Leu	Ile	Ile	Leu	Gly	Arg	Tyr	Phe	Ala	385	390	395	400
Arg	His	Lys	Gly	Thr	Tyr	Phe	Thr	His	Glu	Ala	Lys	Gly	Ala	Asp	Asp	405	410	415	
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 Asp Val Thr Val Ile Glu Gly Glu Val Ala Thr Ile Ser Cys Gln Val
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 Asn Lys Ser Asp Asp Ser Val Ile Gln Leu Leu Asn Pro Asn Arg Gln
 50 55 60
 acc att tac ttc agg gac ttc agg cct ttg aag gac agc agg ttt cag 241
 Thr Ile Tyr Phe Arg Asp Phe Arg Pro Leu Lys Asp Ser Arg Phe Gln
 65 70 75 80
 ctg ctg aat ttt tct agc agt gaa ctc aaa gtg tca ctg acg aat gtc 289
 Leu Leu Asn Phe Ser Ser Ser Glu Leu Lys Val Ser Leu Thr Asn Val
 85 90 95
 tca atc tcg gat gaa ggg aga tac ttc tgc cag ctc tac acg gac ccc 337
 Ser Ile Ser Asp Glu Gly Arg Tyr Phe Cys Gln Leu Tyr Thr Asp Pro
 100 105 110
 cca cag gag agt tac acc acc atc aca gtc ctg gtt cct cca cgt aac 385
 Pro Gln Glu Ser Tyr Thr Thr Ile Thr Val Leu Val Pro Pro Arg Asn
 115 120 125
 ttg atg atc gat atc cag aaa gac acg gca gtt gaa ggg gag gag att 433
 Leu Met Ile Asp Ile Gln Lys Asp Thr Ala Val Glu Gly Glu Glu Ile
 130 135 140
 gaa gtc aac tgt act gcc atg gcc agc aag cca gcg acg acc atc agg 481
 Glu Val Asn Cys Thr Ala Met Ala Ser Lys Pro Ala Thr Thr Ile Arg
 145 150 155 160
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 Trp Phe Lys Gly Asn Lys Glu Leu Lys Gly Lys Ser Glu Val Glu Glu
 165 170 175
 tgg tcg gac atg tac act gtg acc agt cag ctg atg ctg aag gtg cac 577
 Trp Ser Asp Met Tyr Thr Val Thr Ser Gln Leu Met Leu Lys Val His
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Lys Glu Asp Asp Gly Val Pro Val Ile Cys Gln Val Glu His Pro Ala	
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Val Thr Gly Asn Leu Gln Thr Gln Arg Tyr Leu Val Gln Tyr Lys	
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Pro Gln Val His Ile Gln Met Thr Tyr Pro Leu Gln Gly Leu Thr Arg	
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Pro Val Met Val Thr Trp Val Arg Val Asp Asp Glu Met Pro Gln His	
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Asp Asn Gly Thr Tyr Arg Cys Glu Ala Ser Asn Ile Val Gly Lys Ala	
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His Ser Asp Tyr Met Leu Tyr Val Tyr Asp Pro Pro Thr Thr Ile Pro	
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Lys Gly Thr Tyr Phe Thr His Glu Ala Lys Gly Ala Asp Asp Ala Ala	
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Glu Glu Lys Lys Glu Tyr Phe	
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Asp	Val	Thr	Val	Ile	Glu	Gly	Glu	Val	Ala	Thr	Ile	Ser	Cys	Gln	Val	35	40	45	
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Leu	Leu	Asn	Phe	Ser	Ser	Ser	Glu	Leu	Lys	Val	Ser	Leu	Thr	Asn	Val	85	90	95	
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Pro	Gln	Glu	Ser	Tyr	Thr	Thr	Ile	Thr	Val	Leu	Val	Pro	Pro	Arg	Asn	115	120	125	
Leu	Met	Ile	Asp	Ile	Gln	Lys	Asp	Thr	Ala	Val	Glu	Gly	Glu	Glu	Ile	130	135	140	
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165					170					175					
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Pro	Val	Met	Val	Thr	Trp	Val	Arg	Val	Asp	Asp	Glu	Met	Pro	Gln	His
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Ala	Val	Asp	His	Ala	Val	Ile	Gly	Gly	Val	Val	Ala	Val	Val	Val	Phe
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	370			375					380						
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<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide primer

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gccagcgccc	agccagggag	ccggccggga	agcgcg	atg	ggg	gcc	cca	gcc	gcc							174	
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Ser	Leu	Leu	Leu	Leu	Leu	Leu	Leu	Phe	Ala	Cys	Cys	Trp	Ala	Pro	Gly		
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ggg	gcc	aac	ctc	tcc	cag	gac	ggc	tac	tgg	cag	gag	cag	gat	ttg	gag	270	
Gly	Ala	Asn	Leu	Ser	Gln	Asp	Gly	Tyr	Trp	Gln	Glu	Gln	Asp	Leu	Glu		
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ctg	gga	act	ctg	gct	cca	ctc	gac	gag	gcc	atc	agc	tcc	aca	gtc	tgg	318	
Leu	Gly	Thr	Leu	Ala	Pro	Leu	Asp	Glu	Ala	Ile	Ser	Ser	Thr	Val	Trp		
	40					45					50						
agc	agc	cct	gac	atg	ctg	gcc	agt	caa	gac	agc	cag	ccc	tgg	aca	tct	366	
Ser	Ser	Pro	Asp	Met	Leu	Ala	Ser	Gln	Asp	Ser	Gln	Pro	Trp	Thr	Ser		
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gat	gaa	aca	gtg	gtg	gct	ggt	ggc	acc	gtg	gtg	ctc	aag	tgc	caa	gtg	414	
Asp	Glu	Thr	Val	Val	Ala	Gly	Gly	Thr	Val	Val	Leu	Lys	Cys	Gln	Val		
			75					80						85			
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Thr	Leu	Tyr	Phe	Gly	Glu	Lys	Arg	Ala	Leu	Arg	Asp	Asn	Arg	Ile	Gln		
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Leu	Val	Thr	Ser	Thr	Pro	His	Glu	Leu	Ser	Ile	Ser	Ile	Ser	Asn	Val		
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cgt gag ggc cag aag ctg ttg cta cac tgt gag ggt cgc ggc aat cca Arg Glu Gly Gln Lys Leu Leu Leu His Cys Glu Gly Arg Gly Asn Pro 280 285 290	1038
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gac agt ggc acc tac ggc tgc aca gcc acc agc aac atg ggc agc tac Asp Ser Gly Thr Tyr Gly Cys Thr Ala Thr Ser Asn Met Gly Ser Tyr 330 335 340	1182
aag gcc tac tac acc ctc aat gtt aat gac ccc agt ccg gtg ccc tcc Lys Ala Tyr Tyr Thr Leu Asn Val Asn Asp Pro Ser Pro Val Pro Ser 345 350 355	1230
tcc tcc agc acc tac cac gcc atc atc ggt ggg atc gtg gct ttc att Ser Ser Ser Thr Tyr His Ala Ile Ile Gly Gly Ile Val Ala Phe Ile 360 365 370	1278

gtc ttc ctg ctg ctc atc atg ctc atc ttc ctt ggc cac tac ttg atc 1326
 Val Phe Leu Leu Leu Ile Met Leu Ile Phe Leu Gly His Tyr Leu Ile
 375 380 385 390

cgg cac aaa gga acc tac ctg aca cat gag gca aaa ggc tcc gac gat 1374
 Arg His Lys Gly Thr Tyr Leu Thr His Glu Ala Lys Gly Ser Asp Asp
 395 400 405

gct cca gac gcg gac acg gcc atc atc aat gca gaa ggc ggg cag tca 1422
 Ala Pro Asp Ala Asp Thr Ala Ile Ile Asn Ala Glu Gly Gly Gln Ser
 410 415 420

gga ggg gac gac aag aag gaa tat ttc atc tagaggcgcc tgcccacttc 1472
 Gly Gly Asp Asp Lys Lys Glu Tyr Phe Ile
 425 430

ctgcgcccc caggggccc gtggggactg ctggggccgt caccaaccgc gacttgtaga 1532

gagcaaccgc agggccgccc ctcccgcttg ctcccagcc caccacccc cctgtacaga 1592

atgtctgctt tgggtgcggt tttgtactcg gtttggaatg gggagggagg agggcggggg 1652

gaggggaggg ttgccctcag ccctttccgt ggcttctctg catttgggtt attattattt 1712

ttgtaacaat cccaaatcaa atctgtctcc aggctggaga ggcaggagcc ctggggtgag 1772

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Cys Cys Trp Ala Pro Gly Gly Ala Asn Leu Ser Gln Asp Gly Tyr Trp
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Gln Glu Gln Asp Leu Glu Leu Gly Thr Leu Ala Pro Leu Asp Glu Ala
 35 40 45

Ile Ser Ser Thr Val Trp Ser Ser Pro Asp Met Leu Ala Ser Gln Asp
 50 55 60

Ser Gln Pro Trp Thr Ser Asp Glu Thr Val Val Ala Gly Gly Thr Val
 65 70 75 80

Val Leu Lys Cys Gln Val Lys Asp His Glu Asp Ser Ser Leu Gln Trp
 85 90 95

Ser Asn Pro Ala Gln Gln Thr Leu Tyr Phe Gly Glu Lys Arg Ala Leu
 100 105 110

Arg Asp Asn Arg Ile Gln Leu Val Thr Ser Thr Pro His Glu Leu Ser
 115 120 125

Ile Ser Ile Ser Asn Val Ala Leu Ala Asp Glu Gly Glu Tyr Thr Cys

130	135	140															
Ser	Ile	Phe	Thr	Met	Pro	Val	Arg	Thr	Ala	Lys	Ser	Leu	Val	Thr	Val		
145					150					155					160		
Leu	Gly	Ile	Pro	Gln	Lys	Pro	Ile	Ile	Thr	Gly	Tyr	Lys	Ser	Ser	Leu		
				165					170						175		
Arg	Glu	Lys	Asp	Thr	Ala	Thr	Leu	Asn	Cys	Gln	Ser	Ser	Gly	Ser	Lys		
			180					185					190				
Pro	Ala	Ala	Arg	Leu	Thr	Trp	Arg	Lys	Gly	Asp	Gln	Glu	Leu	His	Gly		
	195						200					205					
Glu	Pro	Thr	Arg	Ile	Gln	Glu	Asp	Pro	Asn	Gly	Lys	Thr	Phe	Thr	Val		
210					215						220						
Ser	Ser	Ser	Val	Thr	Phe	Gln	Val	Thr	Arg	Glu	Asp	Asp	Gly	Ala	Ser		
225					230					235					240		
Ile	Val	Cys	Ser	Val	Asn	His	Glu	Ser	Leu	Lys	Gly	Ala	Asp	Arg	Ser		
				245					250					255			
Thr	Ser	Gln	Arg	Ile	Glu	Val	Leu	Tyr	Thr	Pro	Thr	Ala	Met	Ile	Arg		
			260					265					270				
Pro	Asp	Pro	Pro	His	Pro	Arg	Glu	Gly	Gln	Lys	Leu	Leu	Leu	His	Cys		
		275					280					285					
Glu	Gly	Arg	Gly	Asn	Pro	Val	Pro	Gln	Gln	Tyr	Leu	Trp	Glu	Lys	Glu		
290					295						300						
Gly	Ser	Val	Pro	Pro	Leu	Lys	Met	Thr	Gln	Glu	Ser	Ala	Leu	Ile	Phe		
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Pro	Phe	Leu	Asn	Lys	Ser	Asp	Ser	Gly	Thr	Tyr	Gly	Cys	Thr	Ala	Thr		
			325					330						335			
Ser	Asn	Met	Gly	Ser	Tyr	Lys	Ala	Tyr	Tyr	Thr	Leu	Asn	Val	Asn	Asp		
		340						345				350					
Pro	Ser	Pro	Val	Pro	Ser	Ser	Ser	Ser	Thr	Tyr	His	Ala	Ile	Ile	Gly		
		355					360					365					
Gly	Ile	Val	Ala	Phe	Ile	Val	Phe	Leu	Leu	Leu	Ile	Met	Leu	Ile	Phe		
370					375						380						
Leu	Gly	His	Tyr	Leu	Ile	Arg	His	Lys	Gly	Thr	Tyr	Leu	Thr	His	Glu		
385				390					395						400		
Ala	Lys	Gly	Ser	Asp	Asp	Ala	Pro	Asp	Ala	Asp	Thr	Ala	Ile	Ile	Asn		
			405					410						415			
Ala	Glu	Gly	Gly	Gln	Ser	Gly	Gly	Asp	Asp	Lys	Lys	Glu	Tyr	Phe	Ile		
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<221> CDS

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<223>

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gccagcgccc	agccagggag	ccggccggga	agcgcg	atg ggg gcc cca gcc gcc		174
				Met Gly Ala Pro Ala Ala		
				1 5		
tcg ctc ctg ctc ctg ctc ctg ctg ttc gcc tgc tgc tgg gcg ccc ggc						222
Ser Leu Leu Leu Leu Leu Leu Leu Phe Ala Cys Cys Trp Ala Pro Gly						
	10		15		20	
ggg gcc aac ctc tcc cag gac gac agc cag ccc tgg aca tct gat gaa						270
Gly Ala Asn Leu Ser Gln Asp Asp Ser Gln Pro Trp Thr Ser Asp Glu						
	25		30		35	
aca gtg gtg gct ggt ggc acc gtg gtg ctc aag tgc caa gtg aaa gat						318
Thr Val Val Ala Gly Gly Thr Val Val Leu Lys Cys Gln Val Lys Asp						
	40		45		50	
cac gag gac tca tcc ctg caa tgg tct aac cct gct cag cag act ctc						366
His Glu Asp Ser Ser Leu Gln Trp Ser Asn Pro Ala Gln Gln Thr Leu						
55		60		65		70
tac ttt ggg gag aag aga gcc ctt cga gat aat cga att cag ctg gtt						414
Tyr Phe Gly Glu Lys Arg Ala Leu Arg Asp Asn Arg Ile Gln Leu Val						
	75		80		85	
acc tct acg ccc cac gag ctc agc atc agc atc agc aat gtg gcc ctg						462
Thr Ser Thr Pro His Glu Leu Ser Ile Ser Ile Ser Asn Val Ala Leu						
	90		95		100	
gca gac gag ggc gag tac acc tgc tca atc ttc act atg cct gtg cga						510
Ala Asp Glu Gly Glu Tyr Thr Cys Ser Ile Phe Thr Met Pro Val Arg						
	105		110		115	
act gcc aag tcc ctc gtc act gtg cta gga att cca cag aag ccc atc						558
Thr Ala Lys Ser Leu Val Thr Val Leu Gly Ile Pro Gln Lys Pro Ile						
	120		125		130	
atc act ggt tat aaa tct tca tta cgg gaa aaa gac aca gcc acc cta						606
Ile Thr Gly Tyr Lys Ser Ser Leu Arg Glu Lys Asp Thr Ala Thr Leu						
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aac tgt cag tct tct ggg agc aag cct gca gcc cgg ctc acc tgg aga						654
Asn Cys Gln Ser Ser Gly Ser Lys Pro Ala Ala Arg Leu Thr Trp Arg						
	155		160		165	
aag ggt gac caa gaa ctc cac gga gaa cca acc cgc ata cag gaa gat						702
Lys Gly Asp Gln Glu Leu His Gly Glu Pro Thr Arg Ile Gln Glu Asp						
	170		175		180	
ccc aat ggt aaa acc ttc act gtc agc agc tcg gtg aca ttc cag gtt						750
Pro Asn Gly Lys Thr Phe Thr Val Ser Ser Ser Val Thr Phe Gln Val						
	185		190		195	

acc cgg gag gat gat ggg gcg agc atc gtg tgc tct gtg aac cat gaa	798
Thr Arg Glu Asp Asp Gly Ala Ser Ile Val Cys Ser Val Asn His Glu	
200 205 210	
tct cta aag gga gct gac aga tcc acc tct caa cgc att gaa gtt tta	846
Ser Leu Lys Gly Ala Asp Arg Ser Thr Ser Gln Arg Ile Glu Val Leu	
215 220 225 230	
tac aca cca act gcg atg att agg cca gac cct ccc cat cct cgt gag	894
Tyr Thr Pro Thr Ala Met Ile Arg Pro Asp Pro Pro His Pro Arg Glu	
235 240 245	
ggc cag aag ctg ttg cta cac tgt gag ggt cgc ggc aat cca gtc ccc	942
Gly Gln Lys Leu Leu Leu His Cys Glu Gly Arg Gly Asn Pro Val Pro	
250 255 260	
cag cag tac cta tgg gag aag gag ggc agt gtg cca ccc ctg aag atg	990
Gln Gln Tyr Leu Trp Glu Lys Glu Gly Ser Val Pro Pro Leu Lys Met	
265 270 275	
acc cag gag agt gcc ctg atc ttc cct ttc ctc aac aag agt gac agt	1038
Thr Gln Glu Ser Ala Leu Ile Phe Pro Phe Leu Asn Lys Ser Asp Ser	
280 285 290	
ggc acc tac ggc tgc aca gcc acc agc aac atg ggc agc tac aag gcc	1086
Gly Thr Tyr Gly Cys Thr Ala Thr Ser Asn Met Gly Ser Tyr Lys Ala	
295 300 305 310	
tac tac acc ctc aat gtt aat gac ccc agt ccg gtg ccc tcc tcc tcc	1134
Tyr Tyr Thr Leu Asn Val Asn Asp Pro Ser Pro Val Pro Ser Ser Ser	
315 320 325	
agc acc tac cac gcc atc atc ggt ggg atc gtg gct ttc att gtc ttc	1182
Ser Thr Tyr His Ala Ile Ile Gly Gly Ile Val Ala Phe Ile Val Phe	
330 335 340	
ctg ctg ctc atc atg ctc atc ttc ctt ggc cac tac ttg atc cgg cac	1230
Leu Leu Leu Ile Met Leu Ile Phe Leu Gly His Tyr Leu Ile Arg His	
345 350 355	
aaa gga acc tac ctg aca cat gag gca aaa ggc tcc gac gat gct cca	1278
Lys Gly Thr Tyr Leu Thr His Glu Ala Lys Gly Ser Asp Asp Ala Pro	
360 365 370	
gac gcg gac acg gcc atc atc aat gca gaa ggc ggg cag tca gga ggg	1326
Asp Ala Asp Thr Ala Ile Ile Asn Ala Glu Gly Gly Gln Ser Gly Gly	
375 380 385 390	
gac gac aag aag gaa tat ttc atc tagaggcgcc tgcccacttc ctgcgcccc	1380
Asp Asp Lys Lys Glu Tyr Phe Ile	
395	
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35 40 45

Lys Cys Gln Val Lys Asp His Glu Asp Ser Ser Leu Gln Trp Ser Asn
50 55 60

Pro Ala Gln Gln Thr Leu Tyr Phe Gly Glu Lys Arg Ala Leu Arg Asp
65 70 75 80

Asn Arg Ile Gln Leu Val Thr Ser Thr Pro His Glu Leu Ser Ile Ser
85 90 95

Ile Ser Asn Val Ala Leu Ala Asp Glu Gly Glu Tyr Thr Cys Ser Ile
100 105 110

Phe Thr Met Pro Val Arg Thr Ala Lys Ser Leu Val Thr Val Leu Gly
115 120 125

Ile Pro Gln Lys Pro Ile Ile Thr Gly Tyr Lys Ser Ser Leu Arg Glu
130 135 140

Lys Asp Thr Ala Thr Leu Asn Cys Gln Ser Ser Gly Ser Lys Pro Ala
145 150 155 160

Ala Arg Leu Thr Trp Arg Lys Gly Asp Gln Glu Leu His Gly Glu Pro
165 170 175

Thr Arg Ile Gln Glu Asp Pro Asn Gly Lys Thr Phe Thr Val Ser Ser
180 185 190

Ser Val Thr Phe Gln Val Thr Arg Glu Asp Asp Gly Ala Ser Ile Val
195 200 205

Cys Ser Val Asn His Glu Ser Leu Lys Gly Ala Asp Arg Ser Thr Ser
210 215 220

Gln Arg Ile Glu Val Leu Tyr Thr Pro Thr Ala Met Ile Arg Pro Asp
225 230 235 240

Pro Pro His Pro Arg Glu Gly Gln Lys Leu Leu Leu His Cys Glu Gly
245 250 255

Arg Gly Asn Pro Val Pro Gln Gln Tyr Leu Trp Glu Lys Glu Gly Ser

260					265					270					
Val	Pro	Pro	Leu	Lys	Met	Thr	Gln	Glu	Ser	Ala	Leu	Ile	Phe	Pro	Phe
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Leu	Asn	Lys	Ser	Asp	Ser	Gly	Thr	Tyr	Gly	Cys	Thr	Ala	Thr	Ser	Asn
	290					295					300				
Met	Gly	Ser	Tyr	Lys	Ala	Tyr	Tyr	Thr	Leu	Asn	Val	Asn	Asp	Pro	Ser
305					310					315					320
Pro	Val	Pro	Ser	Ser	Ser	Ser	Thr	Tyr	His	Ala	Ile	Ile	Gly	Gly	Ile
				325					330					335	
Val	Ala	Phe	Ile	Val	Phe	Leu	Leu	Leu	Ile	Met	Leu	Ile	Phe	Leu	Gly
			340					345					350		
His	Tyr	Leu	Ile	Arg	His	Lys	Gly	Thr	Tyr	Leu	Thr	His	Glu	Ala	Lys
		355					360					365			
Gly	Ser	Asp	Asp	Ala	Pro	Asp	Ala	Asp	Thr	Ala	Ile	Ile	Asn	Ala	Glu
	370					375					380				
Gly	Gly	Gln	Ser	Gly	Gly	Asp	Asp	Lys	Lys	Glu	Tyr	Phe	Ile		
385					390					395					